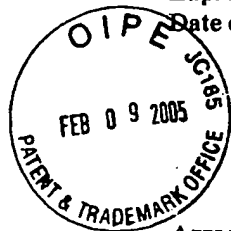


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Duff *et al.*
APPLICATION NUMBER: 09/247,874
EXAMINER: Schnizer, Richard A.
FILING DATE: February 10, 1999
ART UNIT: 1635
FOR: THERAPEUTICS AND DIAGNOSTICS BASED ON A NOVEL IL-1B MUTATION

MAIL STOP AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF DR. FRANCESCO S. DI GIOVINE UNDER 37 CFR 1.132

Sir:

I, Francesco S. di Giovine, born on June 4, 1956, a University Senior Lecturer at the University of Sheffield, do hereby declare that:

1. I am one of the inventors of the above-identified application entitled "Therapeutics and Diagnostics Based on a Novel IL-1B Mutation."
2. I have an M.D. degree in Medicine and Surgery from the University of Florence (Italy), Faculty of Medicine, 1982, and a PhD degree in Molecular Immunology from the University of Edinburgh (UK), 1988, Faculty of Medicine.
3. I am actively engaged in researching genetic predispositions to various inflammatory diseases.
4. Working under my direction, members of my laboratory in early 1996 discovered and sequenced the IL-1B allele having a "C" rather than a "G" at the position corresponding to +6912 in Figure 1, which is nucleotide 8845 of SEQ ID NO: 1. This allele is also referred to as IL-1B (+6912) allele 2.
5. A copy of the laboratory notebook ("the Notebook") kept by my assistant Carol Campbell and reviewed by me on an ongoing basis is attached hereto as Appendix A. This notebook contains experiments performed in my laboratory from August 24, 1995 to March 22, 1996. The page numbering is located in the lower left or right-hand corner of each sheet. I confirm that this is a true and complete copy of the notebook kept by Ms. Campbell during the time-period in question.

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